



U. S. DEPARTMENT OF ENERGY

Los Alamos area Office

2/12/01

TITLE: FY 2001 OPERATIONAL PLAN

**SAFETY AUTHORIZATION BASIS TEAM
(SABT)**

I. GOAL: To ensure that LANL maintains a high quality Safety Analysis Program that results in adequate safety basis documentation. (LAAO/SABT/AB-1)

Objectives:

1. Improve the quality and timeliness of all LANL Authorization Basis (AB) Documents, with particular emphasis on Basis for Interim Operations (BIO's) and Safety Analysis Reports (SAR's) and the supporting Hazards Analysis (HA's) and Technical Safety Requirements (TSR's).
2. Review of AB Documents is completed in a thorough and timely manner.

Actions:

1. During the review of LANL BIO's or SAR's, SABT members will participate in the review of these documents at the 30%, 70%, 90% and 100% levels. The quality of the SABT review will be judged by the lack of critical comments from LANL Safety Analysis professionals, the SABM, or other interested parties. 30-day timelines are the expected turn around times for these reviews.
2. The SABT member leading the review will develop a proper Safety Evaluation Report (SER) based on the guidance of DOE-STD-1104-96. The SER will be completed within one (1) month of completing the 100% review.
3. The SABT will ensure that the Hazard Analysis (HA's) and/or Accident Analysis (AA) supporting the reviewed document is technically defensible. This shall be measured by a lack of critical comments concerning the SABT review from either LANL the SABM, or other interested parties.
4. SABT performance evaluations will take into account completion of actions 1, 2, and 3 above.

Expected Results

1. All LANL facilities shall operate within their approved Authorization Basis, while minimizing programmatic impacts.
2. The quality of AB documents received from LANL should demonstrate sustained and significant improvement. This should be demonstrated by a decreasing number of critical comments from SABT reviewers.

II. GOAL: The laboratory's USQ process will be adequate to ensure that all operational changes made to any nuclear facility are properly evaluated relative to the facility's Authorization Basis and all changes are appropriately authorized (LAAO/SABT/AB-2)

Objectives:

1. Improve the quality of LANL Unreviewed Safety Question (USQ) process and the resultant USQ's.
2. Ensure the reviews of LANL USQ's are completed in a thorough and timely manner (30-day turn around times).

Actions:

1. All USQ's will be properly dispositioned within one (1) month of receipt.
2. The SABT will ensure that any Hazard Analysis (HA's) supporting a USQ is technically defensible. This shall be measured by a lack of critical comments concerning the SABT review from either LANL, the SABM or other interested parties.
3. Office of Authorization Basis (OAB) review and transmittal of the USQD shall be confirmed by the DOE lead for the USQ.
4. SABT performance evaluations will take into account action 1-3 above.

Expected Results

1. All LANL facilities shall operate within their approved Authorization Basis, while minimizing programmatic impacts.
2. The quality of USQ's received from LANL should demonstrate a gradual improvement. This should be demonstrated by a decreasing number of critical comments from SABT reviewers.

III. GOAL: Ensure the safety and health of the DOE workforce and members of the public, and the protection of the environment in all Departmental activities and strive to demonstrate organizational excellence in its safeguards and security operations. (CM-1)

Objectives:

1. Improve federal technical workforce capabilities.
2. Recruit, deploy and retain federal personnel with the demonstrated technical capability to safely accomplish the Department's safety missions and responsibilities.

Actions:

1. All SABT members will be a minimum of 100% completed in AL safety analysis qualification card within 1 year of being hired into the job.
2. SABT performance evaluations will take into account action 1 above.

Expected Results

1. Enhanced credibility of SABT members with both LANL professionals and throughout the DOE Complex.

IV. GOAL: Improve and foster developmental growth programs such as fellowships. (AL 4-6)

Objective:

1. Promote SABT development and professional growth activities.

Actions:

1. Each SABT member will be allowed to participate in a minimum of one (1) professional conference per year, contingent on budget..
2. The SABT will try to complete and present a minimum of one (1) paper at professional conferences as professional development.
3. SABT performance evaluations will account for actions 1-2 above.

Expected Results

1. The level of professionalism and credibility of the SABT will be enhanced with both the contractor and throughout the DOE Complex.